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# MONTH'S PROGRAMME

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GAMES

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PREVIEW











More from the Amig By Burghan Lehma

## AMIO WORKB

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THE ME STOOM WAS, and the much better one to mare with, in by making or of the many facilities the operating system either you. This is, by ning The libraries grow you assess it nearly at the advanced features the hadigs, operatily when it comes to graphic. You get most of what you was been the graphs theory which reduced soons 17 factories. Then allow you

from the graphic theory which includes some \$F functions. Three allow you to show lines, fill in spaces, national objects and much more. The graphics theory also includes some mix precing systems. On the Amagin text or increased your bits any when graphics. The advantage of this is that text and graphics can be extended from:

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### he world of iga nrd-Henry nann

## GA BENCH

### AMIGA WORKBENCH Ton brings use to my per-base, which is C

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# **FUTURE SH**

### EATURE

Rik Henderson visits The Daily Express Lifestyles 2000, and is thrust forward in time to sample a taste of the future.

hotography by Frane

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neer was procurately so to the photographer pal. Frame, and acqually manufaced uses Ohya as known knowing (seel, greatly pressing the doorhell) with autospat car systs peopled out used our tangues colled to the floor, for ther all us was the bar

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## Bran Hills



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Twelve YOUR COMMODORE

## GETTING OVER PHOBIA

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Well marinated of
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Blend very loosely on the plut of Star Wars, you play the part of on only

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PERSONALITY

PROFILE



## NTERVIEW

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"A size game and very reposition (it's a sharen though, my disk has got corresp?"

Any infloress Adventure

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### ■ PC CORNER

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YOUR COMMODORE

# Intergalactic lavebout

Alex Bardy explores the enormous world of Role Pleying Games.



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"The very idea of taking on the role of somebody else much like an actor or actress in an

# ROARD



more, and he halted objective row method words of such overtices (The measures Talles and The Obselvis Mythia respectively). The Call of Chellelia RCS was originally based on Lessensit's Mytheles, led the partie system his such beautiful original original and all lesses Supper inserted, over appear, a grantous Recommended.

tales, but the game system bits since been capitaled to cover search all to works Support insternal, once again, a principum Recommended TMILEGITZ 2000 and IMPAD TWO RPGs (possity) set account over own Mether Earth, the former to one of the very few cost-belocated RPGs currently

available, while the latter is see in surprue, burgone the year 2300 in Times when sowing lowing (south) French American, and Chemeel have achieved space travel, and colorised platest abound the policy. Both these games are veil supported, and an an adolet fine (2 Policia), the interaceus highly communicated MARYEL SEPRESTROMS and DC HEROES. both of these games chooses the communication of the colorise space of the colorise of the colorise space of the colorise and the colo

be Mirred and DC Cémics acapearroidy) allow prospective players the chies don ferry done transit, and all-important rights, and it is go associated with buildings and leveling blocks with single blows, etc. Cents fan for and cappert material sixt lian on the green of for other game.

JORUNE in traily different RPG date, it's a riest of source-feature yet in a verify where maps and source-feature processor on any fine same Tate, and has been attended for open from time and has something of a solar fation of protects, it became to be becoming more manually appeal that pages.

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GRIEFS - GRIEFS (General Diasental Rabb-Flerger Syrent), as insistence can be conserved regional regulations. He game system believe designed in such a master that you can use if for all corrupt, be they future, by the resistance, resistance in the an experience of the power of

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# HOUND OF THE SHADOW

Those interior with the 'Call of Cthulbu' cole-playing game will recognize the fittine behind Elisacone. And latest comparisons of sele-playing adventure. Having a distinct Cthulbu Mythos flavoras, it is based in

than a said of horror morbrod.

The life text is to be performed, as in the RFG, is to create a charact.

This is done very impressively, many mond graphics to the instrument offer.

You can be not also of females: they is your first character, Autorison or filester.

The said of the said of the control o







The gameshy stall is such idea to an advanture, silvargh preplica are all durantured troops on. The difference between the sort by an inference featurer, in the Tan Housel of the Shoders is completely interclaim. Frequencing on her predicted two are necessary as these societies. Deep like feature that soci chanture has, which makes a satisfactable, has in affect on the play, affecting in a powerful of coupled the pance with any nect of character.

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propagation, events of the a fighting. The parties is very simple the nonelection. This storm, on the hand of brings in the first of the research week in the reads. This storm, on the hand of brings in the first of the reads in an the company in under to complete is simple long repoles. In this common was not expected to the property of the storm of the Statistics specifiedly, they passe goes not only on adaptive the half is complete the parties. It shows the people were the under of the day, provising you to take more coverually as what goes on account you, and often you is also you you provide you to the many.

Every action understante stop easy tails, when it important to tal good for tension is a very important feature. Then it no the emperging addition to otherwise the Board, fee it is after you or your friend, will rip yer it during a typical B. P. Levencell intelligen. The graphers are very meetly, justisfy it is discussed by yet is a crushly followed being become mostly like those of the photo graphs found in courybody.

A hide more personal to the precipile thereight (window).

Although The Heard of the Shadow is not in the Band's Tale mould, at it is nevery way as much as RPC, if not more as The interested herd is appet and remark has it that if has a secons, more well follow with the ability to use year pervose characterist).

Bit Handemon

## A SHEEP IN CLOTH

Win a sword, care of wonderful peop

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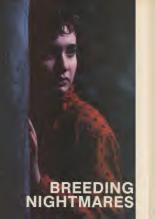
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### FEATURE II

Clive Barker's new film has a dark fantasy fheme. Dave Hughes and Alex Blair talk to him on a very frantic, very elaborate, Pinewood set

Photography by Murray

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Comparing the control of the control

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### NIGHTBREED - THE GAM

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FEATURE .

"Ocean software's Gary Bracey has stready been roped in to play one of them (the Nightbreed)..."



### # 120 CODNED

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# SOFTWARE

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Thirty One



Just how does a joystick work? How do you use it in your own programs? Read on and find out up seem them is just to a substitute bear of in they work?
We all know what a yogstick in like beautify it will like to stoke, a few bottler of butance, a bost, a and maybe as a not for tweeth likes there are few results from the control of the c

inth and right directions. The field population on manormather which make a defining thick when you zoo the tack. The cheeper near me a lot pound she made east of this term specify livings the state assure a part as paid as the prated mouth bear a paid as the prated mouth bear and the prated mouth bear these mouth the prated mouth bear the bear of the mouth of finish and with a paid of the size and with a paid of the size bears of show signs of finish and withhalf a poet of the size wheat of mouth and the prated period of the size period of the size and withhalf a poet of the size period of the size period of the size and withhalf a poet of the size period of the size period of the size period of the size and withhalf a poet of the size period period of the size period period period p

is one of the distributes.

If we take a look at the schemata
is diagram 1 of our typical payench
we can see how the components or
electrically committed to make up said
a device.

As you can use there are even

As you can use their not not concannectate on the province ping. Then see up, down, right, left, first, proon and 15 votes do Each province sweets will be not vessel by messing the stack in our of four distances. You can also will be

veied by meeting the start, in our of four distinctions. You can also tragge two vestches by meeting the steel disgonally, for example in a northwest distribus.

Now the computer program will be trivial to determine the sortion of these

trying to document the sorium of these latte sweathers and beases the position atte which you have packed the study, but you have plage the poystick in any old where it seems to be plugged as to special seteration of country you as youther poet.

Ment computers have a juystack

persons on at one. Some region: a pyratic inferior that plags side the comparison person of the comparison of the temperature of the person of the comparison of the person of the comparison of the pyratic rate for signals that the persons or comparison of the person of per

YOUR COMMODORE



dors family of temporary that two controller posts

This is the finel part of our series for turning your C128 into an expert system

By Paul Schofield

miletion rules and emphasizes rules are loaded rate a set of arrays. The residen sens to the relation rules array, which discountly operations to be parformed if includes my me reference to your organization the geter della structure Before good course the said: On women less directers and halo text officed in the interplate have willy birky anoth information on the form, of the knowledge bear on. It this is known than a single page of it introduced in the con-We take seatthe user radicular when three necessarily to be displiced. After their Autoritation being that we connecting specializes in displaying Wood The entertainment of the minimum starting is continued by the

tion of largers and conflicted it finds it already has the scenario to recommended large marries of resolutions and to does not place to use the basis Chestaly of Don't Road aware here my him shee is other we for a target will be nota-field. We then stage as a hondrast as gailed, which directors the woulde accuse and assemble usuable extent to the ferrithe decrease or exercises searching Switzerfeet polydenia A Surthernation 1 Willen to a

The Khy option allows you to copied a participate for the solution. Whis region or more track through the largest and aparticipate would are processed.

became of a deal known manufactor has emperied to not that a deal known does not role not a tarrell this areal, impared during the first part, as there or reasyles a column that disagreed do so all make result of the particular condition Asus each condition in reliefly a further about linear former to use if the cause enotice and are resilied that the rough and the agreement of a provision our time. conditions set. This meditables as on inference crasm according thereof. the

No (More) Solutions

Applications

One very obvious application for the horse consister uses is a recovery design and, radiced I community developed the forecamper of the range expensive

to street in theselvenes and Ecoborge Martin program, Good withboar of syring With have associate program only no doubt have badeed a starte flavor of the pagging country with custom there of head. This is a creek of mount the passing "what gard managers on animal production". A seen averego present shall have been to sok which is the little standard common conto fillia? Intimest years the assessor of the same and once the absorbines were radial and mobiles accord, it would have remark a more tracks to recent AMERICA (DANGERSON) Procuse the structs in RAL formals per over grade outcooks. helight everyor

in corting assentenced their problems in some approached appleanage in could be required by a provision, that both the east and conditions have to be a a named 22-Street of tops street. A Proced crawely is a solution, that a hear on an agreed, of several cyles being true. This made to be a mobiley of many around awance expert voters shells, on below of smalle suggested to bor a country with to higger an action, which tower bears to the prevent solution. The to, however, a displaceage, if a single angue solution is sought. Such applications car-

Sawayer, be handled by planning for reultiple solutions and noting such target using a formed and always continuous to look for further solutions how do approach varying broken of problem

time first application area that should be constanted to relevation. The caseling and account technique is given a rand was of ellocycles in reduced Please, I obstante a develo haveleder hour for blace fore market and tapes. This also sire enougable how to our traples to applice the numbers of partition arked and also allows how multiple solutions gave by world. In this case Destina the addedward valuations will demonstrate, that a sonare or also

YOUR COMMODORE

### C128 PROGRAMMING

affected by each condition. These counts are then seried to produce an area pit, such that pR(1) in the member of the most seed condition and professe is the less seed condition. The following changes are then needed in the man program.

1340 p+1 y+0 1350 do white p = 2m and y=0 1355 arg/digp 1550 p+p+1

The only slight complexition english conditions should also that the colonel statements

one, and that's not intelligent

I INDICITION STORE PARAMETERS A	8 202 block loss cast year a triple	H-1
* DESCRIPTION OF THESE CHRONCES WAS NOT A	7 SHE SHAPE MAN IS NOTHER	16 - 2
Dell HELP	& list desert laws it writes	H+4.25%
	5 NO 1985 NO 5 21003	16 - 4
PRINCES NO.	22 DEC STREE MEET MAL THE BAVE LEWEN	
I AN ORGANISM, TRANSPAR	TE THE BESSE HIS THE BANK GRADEN	18 - 8
III DO PROSESSAS TROUBLE	10 ALL MILES ME SIDE WOLLS ON	M+174-0
II A TRIMOUS	ALL PROPERTY.	B-1
THE SELECT	13 THE OPPOSITE SURE ARE ALL PROBLED.	19 4 5 8 8
1.1 200404	THE PART PROCESS AND PROPERTY.	22 - 8
	BHD CDMC(110HD	18 - 1 5 5 90
I II PARALILICIDE		37 - 3
W. A. LEWSTER AND	ASSAULTE	
3 A QUICTILATING	1 1 2 2 22	17 - 9
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DESCRIPT IS NOT THAT THE NAMES OF	11110	305103
PROMONE WERE PARK THAN IS SCIENT		-27 -2 -2 -3
	3 * 3 % 18 19	

Thirty Six

C128 PROGRAMMING



## Plus/4 Utilities

We present three basic but very useful utilities for the Plus/4 and C16.

By D. Glass

We start at address \$1000 on that the program can be can from Euro, after

to the red number at \$1000 or clear the acreer, send ZALK to the ferre-



#### PLUS

Genny i

Binne mends to be snowed to \$2200 before leading the Binne lead.

Type the following arrests in shown, effect before menons.

PORT 44 JapPORESS, PORTEINS, ONEW (RETURN)

The will note SANIC, group sever for the MIC Load and tax the Sani

The will note BASIC, group space for the M/C. Load and run the Buboder.

If all a will then the program will say so. If it is, then enor the MONITO and type the following -

QREAD",D,1805,117

The new program SEQUENCED will be saved.

React the economics on it was have more than one of any materials the paper F 1000 1FFF 40 (RETURN) to also the work space then type X warm to Bayer, type NEW (RETURN) and you are ready to load the re-

1551 Heed Cleener

Hat it all comman pergetan nor me 1550 until Whos the drive bend in 100 ditty to read a dail, cleaning usually requires keeping a cleaning dail spanning for about their seconds. This program (held

law It Warks

the cross display by delaying clother and using the LTMC crosses (1989) the cross display by delaying clother and using the LTMC crosses (1989) WHITE his house is 1985 as well LETM the cross of 594-500 WHITE his house is 1985 as well LETM the section is 1984-500 to 1984 the cross of 1985 as well LETM the section is 1984-500 which for the new to under delaying this and welling the LETMC white analystic program will set up a cross of arms and and as INTHICKED crosses of the Company of the cross of the

optiming the drivit, after centring has decirated the propriate will described the one-same contacts; declaring the "Po has not have mached, and and marche will check to zero if the lines R has been proceed, if me the program will benefit on NV GISTOP swhole will class the channels and morner to Base. If the own enables to refer the contact is the channels and morner to Base. If the own enables to righter representations that the channels will be closed and the progress accepted.

Instruction

123 Run the program from Base. The program will peace for you to sentchanning dels. Press "s" then you are ready and the count drawn will beg. If for any means you need to mop the cleaning than posse "s" and the progra will stop, about the sharests to the dask drave and centers to Base.

Getting It

Base needs to be enough to \$300 before loading the base loader.
Type the following enough as thoses, there before primage main.
FORE 44.32-POKEMS\_IPOKEMS2/NEW (RETURN)

This will raws Balse, giving space for the M, C. Lood and must be Ballouder.

If all the other program will say so. If it is, then enter the MONTET and true the following:

#### PLUS/4 PROGRAM

PORT WAR AT LANC D

Where Dr8 for Onk or Her tap
The new program PSS MEAD CELL 4N will regard
Reset the comparer or if you have now their may if us make the
tope F 1000 FFF 60 IRECURN) or deer the mark pair the right N
mean or New Yor NEW RECTURN) or deer the mark pair the right. N
mean or New Yor NEW RECTURN)

#### ....

Do you have none than one Dock Direct
Many people do not his opposing up their document of continue acceptance to
the order to accept the second down
A short speak MC program will deather for one for one opposite street.

#### How It W

The stating age that internal decides by when age where we have, you in 1985. The content striking is not the face when we have you in agreement will be used to MLLEARWITT such content. Cell the set with a MSF of the programme of the MLLEARWITT such content. Cell the set with a MSF of the programme of which is appearance of the set of the striking of the striking of the striking of section and pump in the William of William striking in an approach. The center and pump in the center of the striking of LEART (SEMS of the 1985 to 1985 to center and pump in the center of the striking of LEART (SEMS of the 1985 to the center of the striking the various and whereast before promises of the Center of the center of the striking the various and whereast before promises of the Center of the center of the striking the various and whereast before promises of the Center of the center of the striking the various and whereast before promises of the Center of the center of the striking the various and whereast before promises of the Center of the cente

#### Instructio

Auth the program from these, the project is very provided for a first of the form that we do NOT respect, thousand.

Switch off and we form the dry provide of the first of the respect.

The dryst will now be changed and the great on will concrete in Resp.

#### Getting It

Bara, needs no be convert to \$2000 below loading the Brea, loader. Type the following was these aboves the letter proving reas

### PORE 44,32POKE43,1 FORESH\$2,6NEW (RETU

loader. It all is well then the program will say so If it is then enter the MONLEC and type the following.

### P1891 DEVICE NUMBER 1001,1179

YOUR COMMODORE

# -Stacks

By Steven Burgess

Fig. the process of adding from the

YOUR COMMODORE

Then developing a large Basic gragman you'll find that sooner or later

at impossible to most a single new late. The only inserve in or reached the feet which is the control of the co

#### The Linkpointer

Commoders starts each Basic line with a positir to the mest line. In this way is Basic leading to channel To find a specific box yet offer lower to self-through the whole of the bestiff histend you say page free his positive to be positive, each time looking at the actual line matcher which followed deactly allowed in The cent of the lace yet can appear.

The inalgonates contains the soldren of the start of the most has, expressed in the considers high high feshions. The sold of the nexts has been muched when the two highpaster location contain area.

Hammitteen a tradition involves mostly immunity from independent of

#### Renumbering Options

Bet in either to enter our measurement gootse as unful! in parentle in a First, see work to be fill to Gootsee in which up the cuttle with the see selected "Stop" account the disease between each term another For comple, promptioner to the selected between each term another for comple, promptioner to the selected between each term another for comple, promptioner to the selected between each term another for comple, promptioner to the selected between the selected between the term thereon govern and where it don't like a would of you have a long market promption contains affect. For regard we're to supprise the promption of the selected between the you, secretified in, seed a more freed measurempt in the door, in order to the Part of the selected between the selected between the selected and the Part of the selected between the selected between the selected and the Part of the selected between the selected between the selected and the Part of the selected between the selected between the selected and the selected and the Part of the selected between the selected between the selected and the selected and the Part of the selected between the selected and the selecte

Remaidering is, of course only done is a direct command. The command wouldn't make up became in gain of a preparant. You can upon the command You can upon the commands without my preparameters, or which case the whole of the traditive slide is monotopied in charge of the Affect which commands is command, and then the sound parameter follows. This was the your law of the remarkment protects. You may conside this parameter specified you'll not of the remarkment protects. You may conside this parameter specified you'll not of the remarkment protects. You may conside the parameter and the protection of the protec

you, is what year the whate of the instillar will be consumered in the singgreen in the first parameter. After another comment of the single and the first parameter. After another comment follows the fined parameter which gives the last 2m to be remaindered (Artentilla, the way, the reviews which one, the last law to be remainded on its one line before the law growing. This last parameter can be consisted to on, in which case the vertical will be remainded from the institute law gives to the rest of the desired. The last consistent of the parametering process will on the last consistent of the parametering process will on the parametering process will be a supported to the parametering to the parameters of the parameters

First, we gather the pursuesters after the RENUMBER command three 1950-

### How It is Done

usual zero which sermentes if or no farther patameter is thei

# Exten

Renumbering your textfile is easier than you mey think By Burghard-Hanry

12771 15 15 10771 15 10771 15

TOWNSHIP CONTROL OF THE PARTY O

J. Marie

TO MERCHAN THE THE PARTY OF THE

YOUR COMMODORS

If a parameter is given we either it up to the assessment variable by rations In the case of no step parameter, we used 10 one she sample culted

In the case of no red personeter, we exter the highest possible line number

Renumbering a Textile

#### First, we get the beginning of the textile from the symme variables \$280.30

Then we test if the line gives in the end parameter has been resolved (long-

Franks, the semplement riself in free by adding the one taken to

C	6	4	P	R	0	G	R	A	M	M	ı	N	G

	2 25

#### C64 PROGRAMMIN

# Flash Load

Create your own flashing bands whilst loading and saving your creations By Clive Horner



Forty Seven

### Get the most from your disk drive with this enhanced DOS utility By M. Holmes

A up care that assumed has been take redemany reduct, as more this even by some discussion of the process of the same for the law of the same of the same of the same of the same data around, it was a depart the view fleep dath data the same arbitration, the same of the same of the same of the same of the sheep to the said revolve to said case of the same of a finishment of the same of the same of the same of the other same of the same of the same of the same of the finishment of the same of the same of the same of the contract view wouldn't also said all appears of the same product, or contract view wouldn't also said all appears of the same product, and we said the same of the branch to, with a life of pollutions may be same of the same of the branch to, with a life of pollutions may be same or continued to the same of the pollution of the same of the same

In order to extend the Commoder's reporture, or upon duags, up a case anally has to elect in mechanic read. The extractionarly all that ellipt (a depends on what you want, not all that case be done in machine, or a verify during, and or all that in morth during case to devel, because it are a velocit force of videolob end construct as both the Baop. KERALE, BOOK available in the laps perform the occurrent factions. You have already uses and and by LINE DRYPT remains (in a previous in whether that the concept in distanced gain the Color Advancedors in a whether that the concept in distanced gain the Color Advancedors in a second contraction of the contraction of the color of the color of the property of the color of the color of the color of the color of the property of the color of the color of the color of the color of the property of the color of the color of the color of the property of the color of the color of the color of the property of the color of the color of the color of the property of the color of the color of the property of the color of the color of the property of the color of the color of the property of the color of the color of the property of the color of the property of the color of the color of the property of p

per per what too each ageoust's o're ear aid of pressent with any one of what too can be perfectly as the perfect of the perfect of which per earlier or whose per earlier or perfect for each per earlier or whose per ear

inself (all like of an first the four programme, proceedings) and the control of the control of

#### C64 PROGRAM

#### Installing Dosman

SWS 52224 This couldn're-easibles DOSMAN, the custom NMI and the

O'V This duables DOS(MAX), but leaves the eastern NMI and the function

RUN.STOPTRESTORE: - The dealers the custom NMI and the function Acts but leaves DOSMAN issue. A BRX restriction executed in machine

it command - Seed command to current this drive if it not not

Of " warmber -- Change the current device to marsher > for all further

© 5 - optional mask - Get and display disk directory from the current dence. Herype, a g to SDEG\* tack only Her beginning with the first three characters

(-LDAD / Breams Load Generic from current device uses Basic mersory.

YOUR COMMODORE

S. C. Greans . . . Vendy that program extends to June memory a the same - APPEND

1 - Stronger - - Succepts KIRNAL load regret is causable of LOADster

" Became " - Sure program is memory in Element to carried drive

The Function Keys

#### C84 PHOGHA

Ignored to program mode after RUN (normal ASCII value amout for purp but not after (STOP) and CONT have been used nor if GOTO used in

Fit pents LIST[RETURN] LIST all of program or enemary from a

P2 practs LIST(SPC)
Practs LIST and wrets for line muniher(i) to be as

CHAIR RUNGRETURN

RON progono at demony transmitted

PS perus CONT [RETURN]
Since a seagle perus of the (STOP) key couses the compensor to
one of the program to draw mode while reasons, who not also have a

York SYSS2ISO[RETURN] Rue the OLD contar

Seech TRACE ON This powerful dribugging and he the effect of tweeters the interpreta course page for planning all a finish Base has referred to the interpretation of the property of the seech state of the traces and mainted in securit breaking. While removing the proper is the states and mainted in securit breaking. While removing the proper continuessly led as segurer level. The process on the soviet state (LTM is an expectation of the property of the property of the property of the security of the property of the property of the property of the site which he at the property of the property of the property of the security of the property of the property of the property of the security of the property of the property of the property of the original property of the property of the property of the property of the original property of the property of the property of the property of the original property of the prope

TRACE ON is also entry in dent mode, and any flates commands a in direct mode will be preceded by a rabboth number but the domes's miliit doesn't prevent narmal use.

The line TRACE unity is everthed off

The Custom NMI

THE VARIOUS THREE STATES AND STOPPERSTORES [Says some a New Mode observing a new products a some some for Black They smallly short to be a learned of the products a some some for Black They smallly short to be a learned to

A Lead

The Control of the Co

The property of the property o

#### C64 PROGRAM

program It was	old the man of se	ware goosakie to	sumply force the muc	tiene
			so that we san still :	
OWI PERSON VAND				
			is the thirm that peace	
the NMP Norma	By nothing appear	curty baggers, ber	issue the KERNAL rou	
			son of the ISTOPS he	
			f it's not, then no that	

heeding the NMI fair, examines the knybeard so use if the [STOP] down. If it is, then the sever mare in perfeccion II if it not, cans as o are trade and the C66 sames as as though nothing had happened as the control of the constant NMI readers as a displane of the KEINAL they are of the constant of the control of the KEINAL to the C60 and the control of the control of the STOP] for a state of the control of the C60 and the C60 and the C60 and the control of the STOP and the control of the KEINAL transit as unaded to

INTERRUPTE

READY

JAYSHRUPI in white The say

but the restrict in this said to said read)
Try this
FOKE #848.76/FOKE #849.54 POKE #8178.192.

Now SYS #9468
What's happening now as that the C64 is trapped

The OLD Routine

Of all the hyperest the CM hard not, the spin is could really do to 100. SIGN to be required it NEW. It is not assess beforehow the could really do in cases of newmon a force in the term of the could be really do the could be really as the could go and the could go and be seen to the could be really as the could be really as the could go and th

billions the end of the program (notably terminate) properly as a few ON) and the variables and which is SAVED with the program! In longte me reveral times.

If NEWed the lateng hunt's actually desponant All than's happen to the few level dyines of the stemage have been served, and own size by the first level dyines of the stemage have been served, and own size by the produce served appears to see the SSSC time should be mean and of gragtic first than the server of the server of the server of the server of the latent produce server as discounty value in these, which doesn't an at the SASIC reviews entition in the saled of over the server.

we would receive require that collect receive the term between the weak house and open the mine between the weak house are for per 55% 650% containing that marked we do not a standard lived little of these extense are that are the beautiful that the standard lived little of these extense are that are the beautiful that the standard lived little of the standard little of the large that the standard little of the Non-you 55% 5100. DOSMAN Memory Map SCARS 1791 box SCAR4 1998 Prin

> AEF 1991 TRACO AF2 5764 TRACO 861 5989 ONMSG 86C 5980 OFFMS 84S 53040 OUTMS

\$300 OUTMSC \$300 TENTRY \$300 NMCUS

00 5224 ODSMAN 003 52227 YECTAB 12 5224 CONTAB

## C64 PROGRAM

		SCCIB	52251	RUFFER	DOSMAN AND HOSE.
ì	-	50073	32339	FLAG	Mode Day for LOAD/EDAD A RUN/VERSEY APPEND
		500077	52343	DEVICE	Copy of surrent device number
	Easy for outnes IRQ Test if fear- tion key down, and process as necessary if not service IRQ as necessal	\$0079	52345	Temporary storage of disk director; sorter count	
	Copp stong pointed to by 8.7 into keyboard buffer until closing & "SYSSIPSIGRETURN)"D". "SYSSIPSIGRETURN)"D".	SOC78	52347	RASTAB	"LISTIRETURNJO "LIST"O, "RUNIRETURNJO, "GOTO" "CONTRETTURNJO, "SYSESSITRETURNJO
	SYS here for [TRACE ON]	SCCAS	52392	GETVAL	Get nameno value from BASIC lym 1000 514 515 bex
	SYS here for [TRACE OFF]	5CC30	52400	FLIST	Table of BASTAB address possion
	TERACE ONLY	SCCCB	52427	NWIWRO	'INTERRUPTEO'O
	"(TRACE OFF)"9	SCCOE	52446	COOE	Storage of code to wedge CHRGET
	Print string possend to by x, y tall closing V	\$00E1	52449	INSTAL	Wedge CHRGET and restal DOSMAN
	Dupley BASIC has No while "[TRACE ON]"	\$00F3	12467	ENTRY	CHRGET jumps here to less for DOS constraints
	Instal beliefs perform custom NMI	5C035	52533	COMM	Process recognised passers DOS -
	SCBC3 SH63 INQCUS	20,050	12541	GETERR	Get and display ourrent device cerus
	Install refresh metoes IRQ for feacuses keys	\$CD68	52584	SENDOM	Seed command string in boffer to current device
	SYS hard for "OLD" youture	SCOAS	52590 52645	READ GETCER	Ingut BASIC line into buffer Just Mar CHRGEY but doesn't impore polonis
	SYS here for motel DOSMAN, exeten NMI and function keys	SCORA	52666	CHAUEU	Change current device number us
	Primary DOS command jump	\$000A	52642	RESTOR	Restant CHRGET to normal, du- ables OCSMAN
		\$C00C	52700	GETOIR	Get and daples dok dimency from
	List of permary OOS consumeds	SCEAG SCEAG	\$2833 \$2841 \$2849 \$2695	LOADL LOADR LOADU LOAD / LOAD & RUN( VERBY/ APPEND error heeding APPEND	Central action Lacel RASIC prog. Lacel and non RASIC prog. Vanity BASIC prog.  Amount BASIC prog.
		SCEPC	2001	SAVE	Append BASK poor to memory Save BASIC prog. in memory to carried device
		-			V

Fifty Three

YOUR COMMODORE

## RESET CIRCUIT

Make your own res circuit easily and cheaply

Or or of the most inferrating forum finds of the CM4 is that Convended, so centred a newl before. By one do not even a mattals canned and many time three years of the newly of power steps; and power layers. He many time three years "out" that all capitation programs yield use that you have sell believed sowing, yetf? If you are one of them selforts askes, that the weight of you I will show you blow, well he little Celler, you can be did your own.

#### The theory

way of ceision RR3. The voltage on the tragger upon 8 of U20 will fall. When that voltage methes the tragger voltage of 13V, the taxer U20 gives a rose pulse. If the Restore key is released before U20 traggers, respective CR1 will be

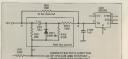
If the Rinters key is released before U20 traggers, replaced CR1 will be disabliged reportly in approximately 0.5 account. Therefore is no empossible to reach the C64 be repeatedly pressing the Rinters Ley, the Rint-Sup-Renters Not Notickhilds intermed will ranches in before

#### natellation

The trenet is reliable and or may so build on a square paid board. It is also easy to mindle from the Co4.

Ramans insure CS0 ((Mbd) and connect were A is the left indistinguous which can be to the left indistinguous which may be to the left indistinguous. Princt C transh be connected with the right sade of insure Ref. Bobs peers.

Co. manufaction the Breater have.



## WHIPCRACKAWAY

Commodore Crusader Kayin Crosby dons his hat and bullwhip to report on the latest installment in the Indiana Jones saga

hard The just come buck from my local (mnome, not red- the timeli or the Raulest urner - Indiana Janes and the Last Crusale.

The action soon works at war up to 1606 where the Ramson Ford-aged

Above Things but up for messers Jacos

Moors Spelberg and Lucas descrip several doors Browsin points plus

VALLE COMMODORS



### GAMES UPDATE I **AMERICAN** INDOOR CCER yes over made for the Mr. secur in the Illy beat this done? mean give you have Whiteha can well took at will to keep the sollto fast end fances party. The State of the said of credit forward positioner At the rack catelling PALED the wild be determined TABLET OF THE PARTY OF THE





GAMES UPDATE

# INDIANA $\mathsf{THF}$ The man in the hat is back again and

this time he's brought his dad! That's how they trailed the latest adventure of Indiana Jones. Now it's a computer Lucestilm (US Gold) - £24.99









YOUR COMMODORE

# GAMES UPDATE I ONES AND CRUSADE















YOUR COMMODORE

Fifty Nine



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### Editor's Note

Apologies must go to Mr. M. Carroll for an error published in the August issue of Your Commodore. On page 54, we accredited Mr. Carroll's program, Disk Scrambler to S.T.

Burke. Apologies all round for this error.

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